

# Iridium gen3 LED Large

### BGP383 LWFP GRN116/740 I DC CO GR SP

Iridium gen3 Large, CityTouch with future proof service, LED GreenLine 11600 lm, 740 neutral white, Safety class I, Distribution comfort, Grey, Spigot

Iridium gen3 is the first truly intelligent luminaire designed for seamless connectivity. No hassle in commissioning – just install the luminaire and control it from a distance through CityTouch management software. Remote light management made easy! The new 'plug & play' concept has been designed to ensure safe and easy installation in just three steps: 1. Install the spigot, 2. Plug in the mains, 3. Tilt and close the luminaire. The luminaire's high efficiency at system level ensures significant energy savings compared to existing conventional installations, offering a fast payback. Thanks to its wide choice of lumen packages, optics and color temperatures, Iridium gen3 fits most applications in residential areas. The luminaire's neo-classical design guarantees a consistent look and feel for your surroundings.

#### **Product data**

General Information	
Lamp family code	GRN116 [LED GreenLine 11600 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Gear	EB [Electronic]
Driver included	Yes
Photocell	-
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically

	there is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Light source engine type	LED
Product family code	BGP383 [Iridium gen3 Large]
Lighting Technology	LED
Embedded control	-
CE mark	Yes
Warranty period	5 years

Datasheet, 2023, September 4 data subject to change

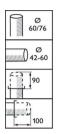
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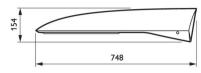
Flammability mark	
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	10,580 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	158 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	152°
Optic type outdoor	Distribution comfort
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	67 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B	8
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating external
Control interface	GPRS network
Control interface	
Constant light output	No
	No
	No
Constant light output  Mechanical and Housing	Aluminum
Constant light output	
Constant light output  Mechanical and Housing  Housing Material  Reflector material	Aluminum -
Constant light output  Mechanical and Housing  Housing Material  Reflector material  Optic material	Aluminum - Polycarbonate
Constant light output  Mechanical and Housing  Housing Material  Reflector material	Aluminum -

Mounting device	Spigot
Optical cover shape	Flat
Optical cover finish	Textured
Overall length	750 mm
Overall width	355 mm
Overall height	157 mm
Effective projected area	0.039 m²
Dimensions (Height x Width x Depth)	157 x 355 x 750 mm
Parts color	Cover painted
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	4/4 kV
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complia	unt)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L80
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
	25 °C 0% (digital)
Performance ambient temperature Tq  Maximum dim level	
Performance ambient temperature Tq  Maximum dim level  Product Data	0% (digital)
Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name	0% (digital)  BGP383 LWFP GRN116/740 I DC CO GR SP
Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name	0% (digital)  BGP383 LWFP GRN116/740 I DC CO GR SP BGP383 LWFP GRN116/740 I DC CO GR SP
Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name  Full product code	0% (digital)  BGP383 LWFP GRN116/740 I DC CO GR SP  BGP383 LWFP GRN116/740 I DC CO GR SP  871829191178400
Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name  Full product code  Order code	0% (digital)  BGP383 LWFP GRN116/740 I DC CO GR SP  BGP383 LWFP GRN116/740 I DC CO GR SP  871829191178400  910925438355
Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product code  Order code  Material Nr. (12NC)	0% (digital)  BGP383 LWFP GRN116/740 I DC CO GR SP  BGP383 LWFP GRN116/740 I DC CO GR SP  871829191178400  910925438355  910925438355
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Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product code  Order code  Material Nr. (12NC)  Numerator - Quantity Per Pack	0% (digital)  BGP383 LWFP GRN116/740 I DC CO GR SP BGP383 LWFP GRN116/740 I DC CO GR SP 871829191178400 910925438355 910925438355

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#### Dimensional drawing









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